Home Cinema Speaker System

FB965

Home Cinema Speaker System

- ***250 Watts Dolby Pro-Logic® Speaker System***
  5 Speaker package that matches all sound formats/standards
- ***5 x 50 Watts for Center, Left, Right and Surround Speakers***
  Enough power to change your living room into a home cinema
- ***Full range Tri-cone speakers for Center, Front speakers and Surround speakers***
  With 2" tweeters + 2 x 4" drivers (center), 2" tweeter + 5.25" woofer + 6.5" drivers (front/surround)
- ***Deeper & Better Bass using Passive Radiators***
  Lower frequencies without distortion
- ***Ferro Fluid cooled Tweeters for Clearer Highs***
  Cooling ensures better performance over longer periods of time
- ***Easy Installation using Color coded wires and connectors***
  Reduces complexity and customer complaints
- ***Magnetically protected in order to put on/near the TV set***
  To prevent harmful interference with picture tube



Let's make things better.

PHILIPS

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The new Philips Home Cinema Speaker System line has been developed with the application and consumer in mind. By delivering the sound performance that really gives the consumer the feeling that he is part movie/music and by making the system easy to install and blend in with the living environment.

Sound Enhancement

Multistandard - With all existing and new standards - e.g. Dolby Digital (AC3), Dolby Pro Logic, MPEG, DTS, THX - it is a confusing time for customers. This system will make it easy for them, because regardless of which standard is being used, compatibility and sound quality is guaranteed. By using full range speakers in the front as well as for the surround channels you will be able to enjoy the ultimate Home Cinema experience with space ships overheads, aliens behind the couch but no gum on the floor.

250 Watts Surround Power Output - With 3 x 50 Watts in the front and 2 x 50 Watts in the back there is enough power to transform most living rooms into a complete Home Theatre. Next to the five channel sound input, the system also performs very well in other sound modes, such as normal stereo, front (Center, Left, Right) and matrix (4 speakers) surround.

Tri-Cone Speakers - For clear vocals and realistic reproduction of the center channel effects, the Center speaker is using two 4" drivers and a 2" tweeter. In order to reproduce the deep and rumbling bass experience in the cinema 6.5" passive radiators (see below) have been integrated with a 5.25" woofer and 2" tweeter in the Front and Surround speakers.

Passive Radiators - A passive radiator is in fact a speaker driver without the magnet/active part. The speaker movement comes from the sound pressure, which is being built up inside the box by the movement of the woofer. This "slave" driver, as it is also called, can be very well used to reproduce the lower frequency bandwidth. The advantages of using a passive radiator instead of a bass-reflex system, are that it has no distortion from air turbulence around the bass ports and can be tuned to lower frequencies, to give that real earthshaking cinema feeling.

Ferro Fluid Cooled Tweeters - Tweeters that "loose their cool" suffer from poor performance. Characteristically, ferro fluid effciently removes heat away from the tweeter, ensuring maximum performance even after continuous periods of high performance. The result is that the high notes are always reproduced crystal clear.

Convenience

Easy Hook Up - With color coded speaker connections and wires for quick and easy connection. By using distinct colors for each of the speaker connection terminals on the speaker and on the set, and using the same color for the cable, the chance on faulty connection (and customer complaints) are practically zero!

Small footprint - By using a small footprint the "bookshelf" style left/right speakers can be placed easily on small surfaces near the TV.

Adjustable Center Speaker Stand - Of many TV sets the top is not flat anymore. Therefore we have designed an adjustable stand in the center speaker so that the speaker can still be placed on top of the modern TV sets.

Magnetically protected - All speakers are magnetically protected to prevent any interference with television picture tube purity.

Design

Design Concept - Characteristics of the Philips Home Cinema design language are ; stylish, simple, capable, powerful and rich. these speakers are excellent example of the implementation of this language.

Stylish - With the curved front, the speakers clearly distinguish themselves from the rest of the square pack of speakers. They follow the design trends of modern TVs and many other furniture elements.

Simple - The sharp angles give it a crisp and refreshing look and the design is "quiet" enough the fit in many different environments.

Capable/Powerful - The slightly upward "shouting" shape gives the speakers a powerful impression.

Rich - Large but thin cloth frames have been used to give the speakers a high quality look.

Technical Specification

Center Speaker

• Impedance	:	6 Ohm
• Frequency Range	:	75 - 20,000 Hz
• Power Handling - Nominal	:	50 Watts
• Power Handling - Maximum	:	100 Watts
• Sensitivity	:	89dB
• Tweeter	:	2"
• Loudspeaker	:	2 x 4"
• Crossover Frequency	:	4500 Hz
• Connectors	:	Click Fit (Blue/Black)
• Material	:	High Impact Polystyrene
• Wires	:	3 Meter AWG22 (Blue/Black)
• Dimensions (H x W x D)	:	131 x 435 x 122mm
• Volume (Internal/External)	:	4.5/5.1 litre
• Weight	:	1.6 Kg

Front and Surround Speakers (4)

• Impedance	:	6 Ohm
• Frequency Range	:	40 - 20,000 Hz
• Power Handling - Nominal	:	50 Watts
• Power Handling - Maximum	:	100 Watts
• Sensitivity	:	89dB
• Tweeter	:	2"
• Woofer	:	5.25"
• Passive Radiator	:	6.5"
• Crossover Frequency	:	4500 Hz
• Connectors	:	Click Fit (Red/Black)
• Material	:	High Impact Polystyrene
• Wires	:	4 Meter AWG22 (Red/Black) 12 Meter AWG22 (Grey/Black)
• Dimensions (H x W x D)	:	421 x 219 x 191mm
• Volume (Internal/External)	:	8.5/9.5 litre
• Weight	:	2.5 Kg



Preferred package for Philips Receiver FR960



Optional accessory FB301
100 watts subwoofer

Package Dimensions:
482 mm W x 651 mm H x 518 mm D
Product weight: 14 kg

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Specifications subject to change without notice.
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